

FIG. 1

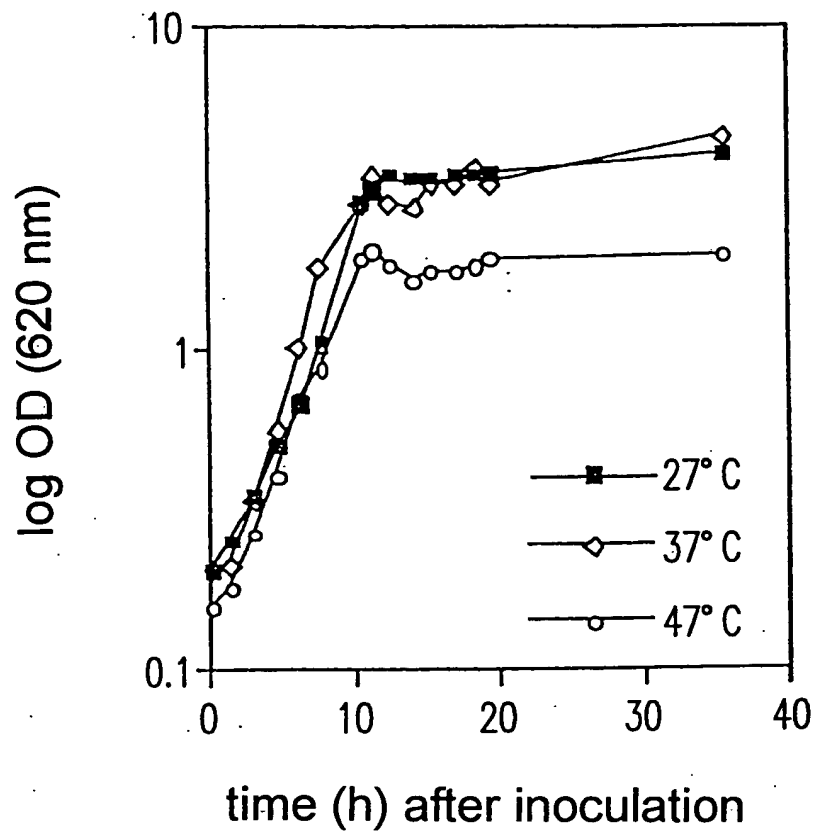
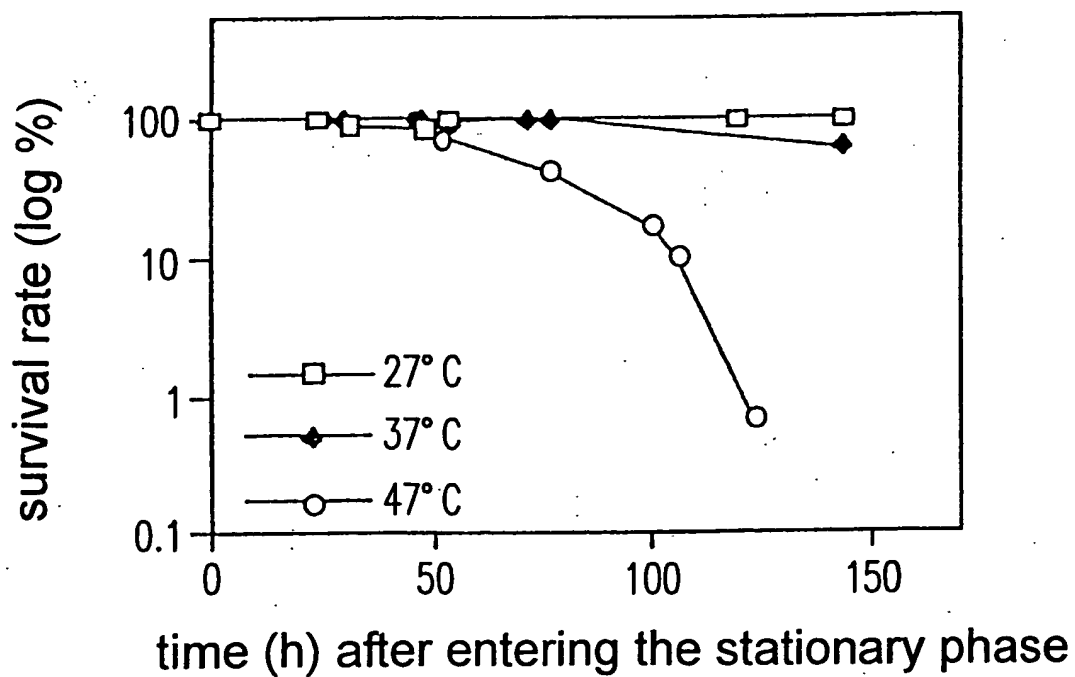


FIG. 2



TPS1 RNA

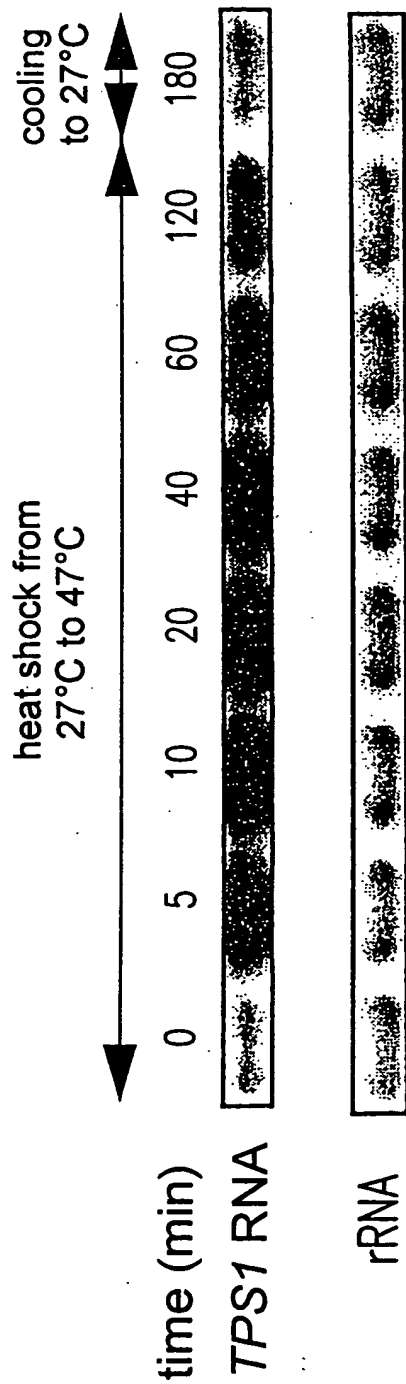


FIG. 3A

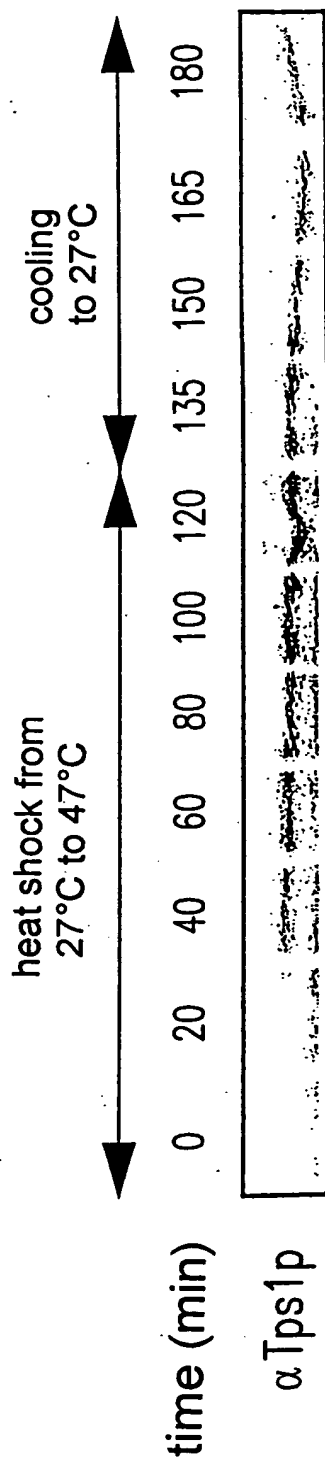


FIG. 3B

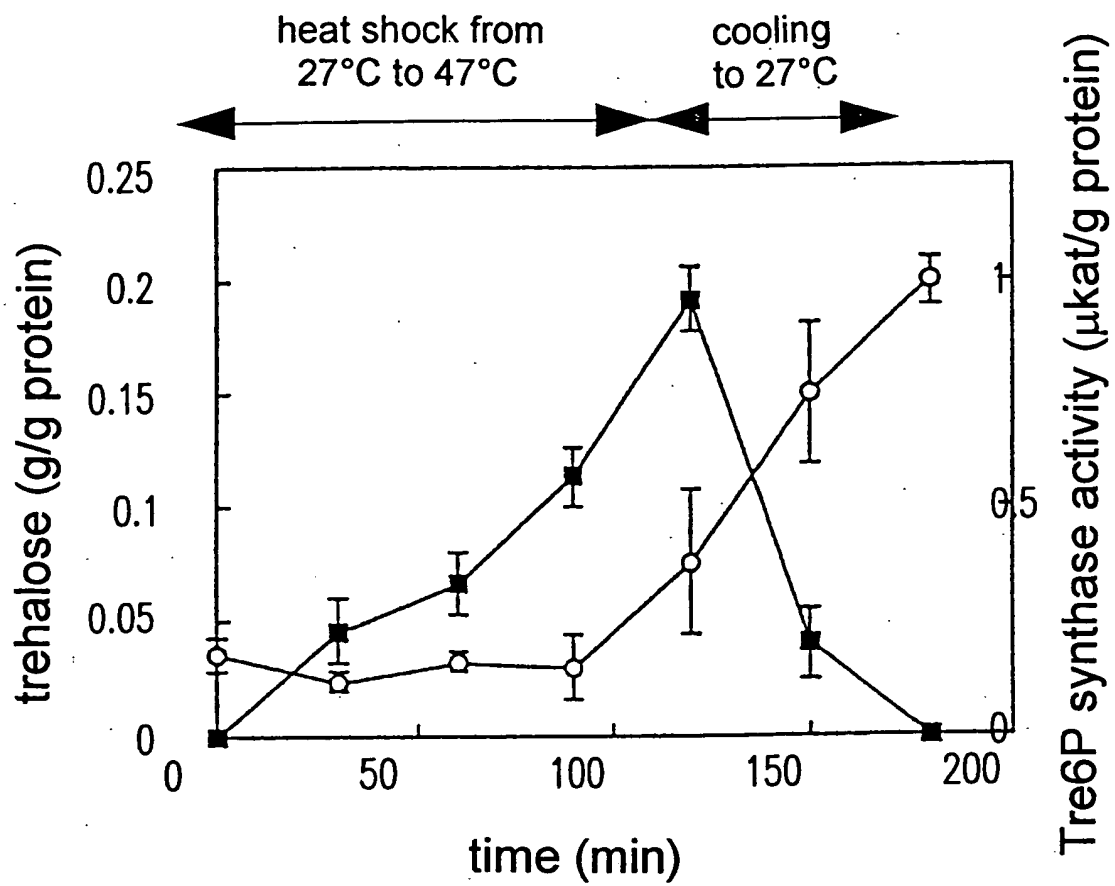


FIG. 3C

FIG. 4A

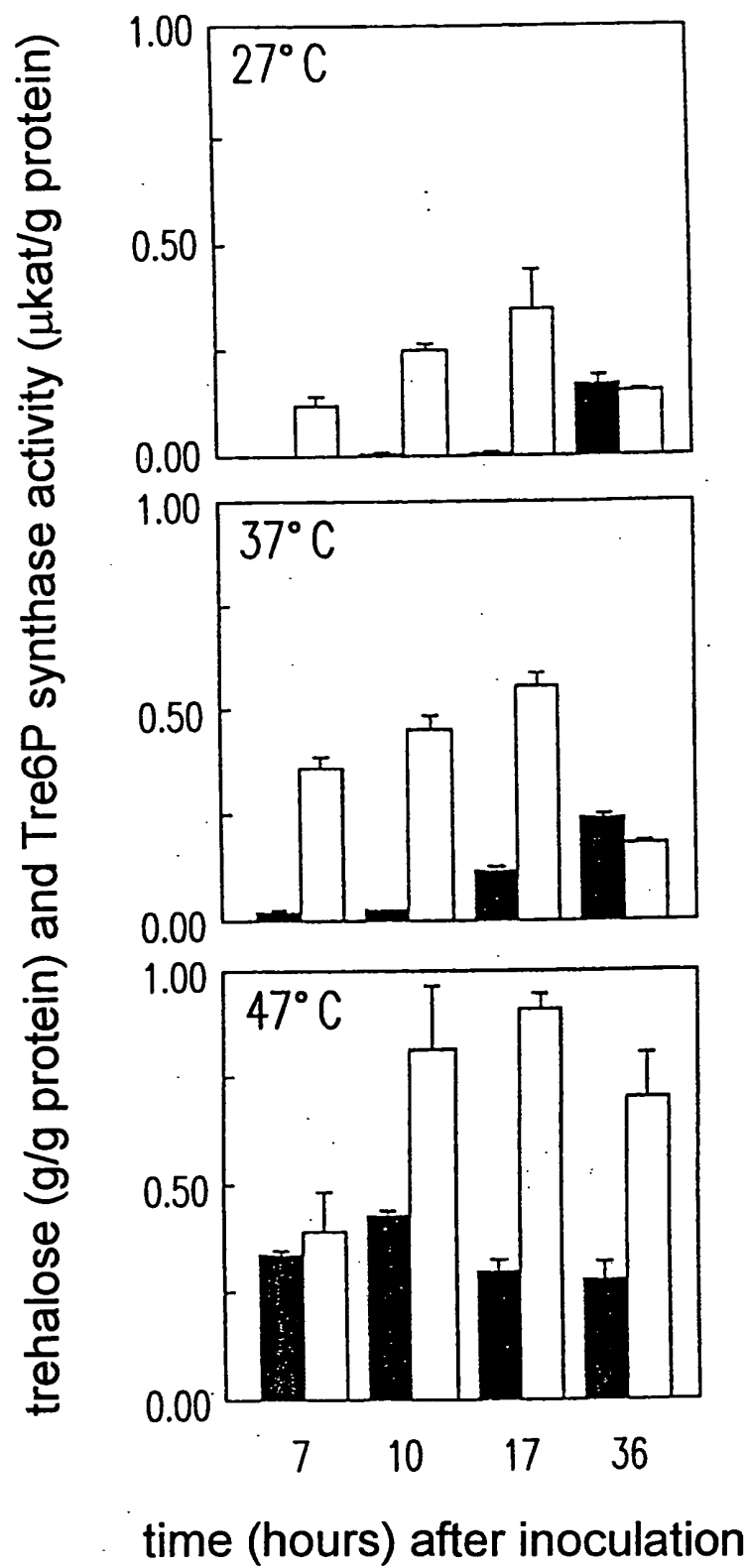


FIG. 4B

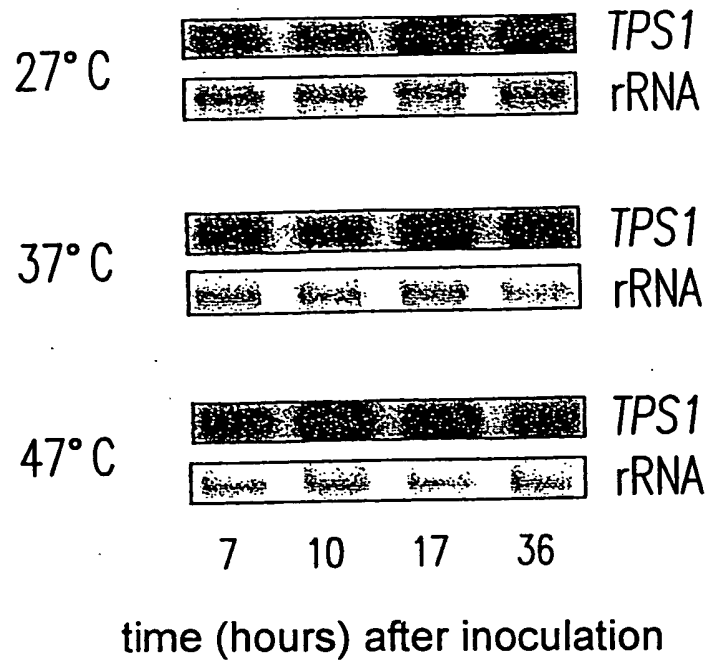
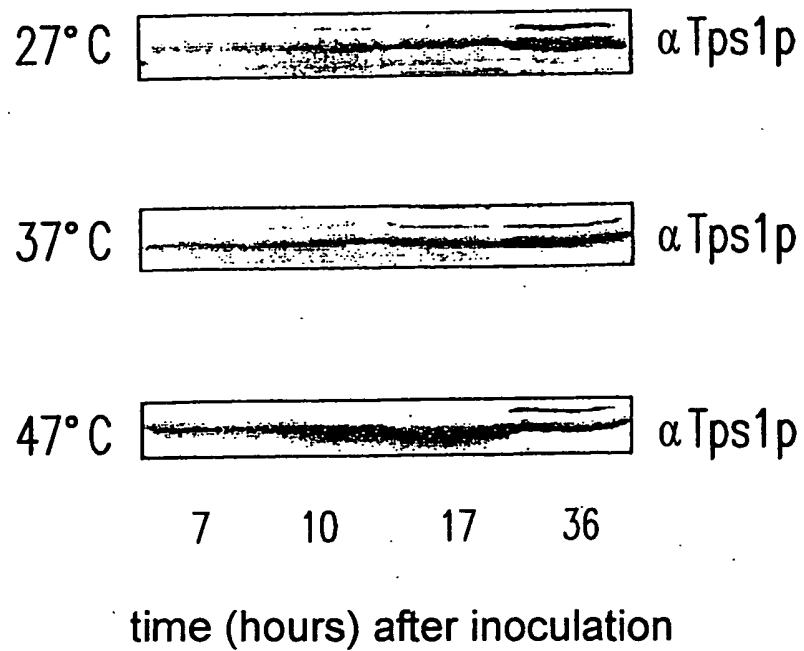
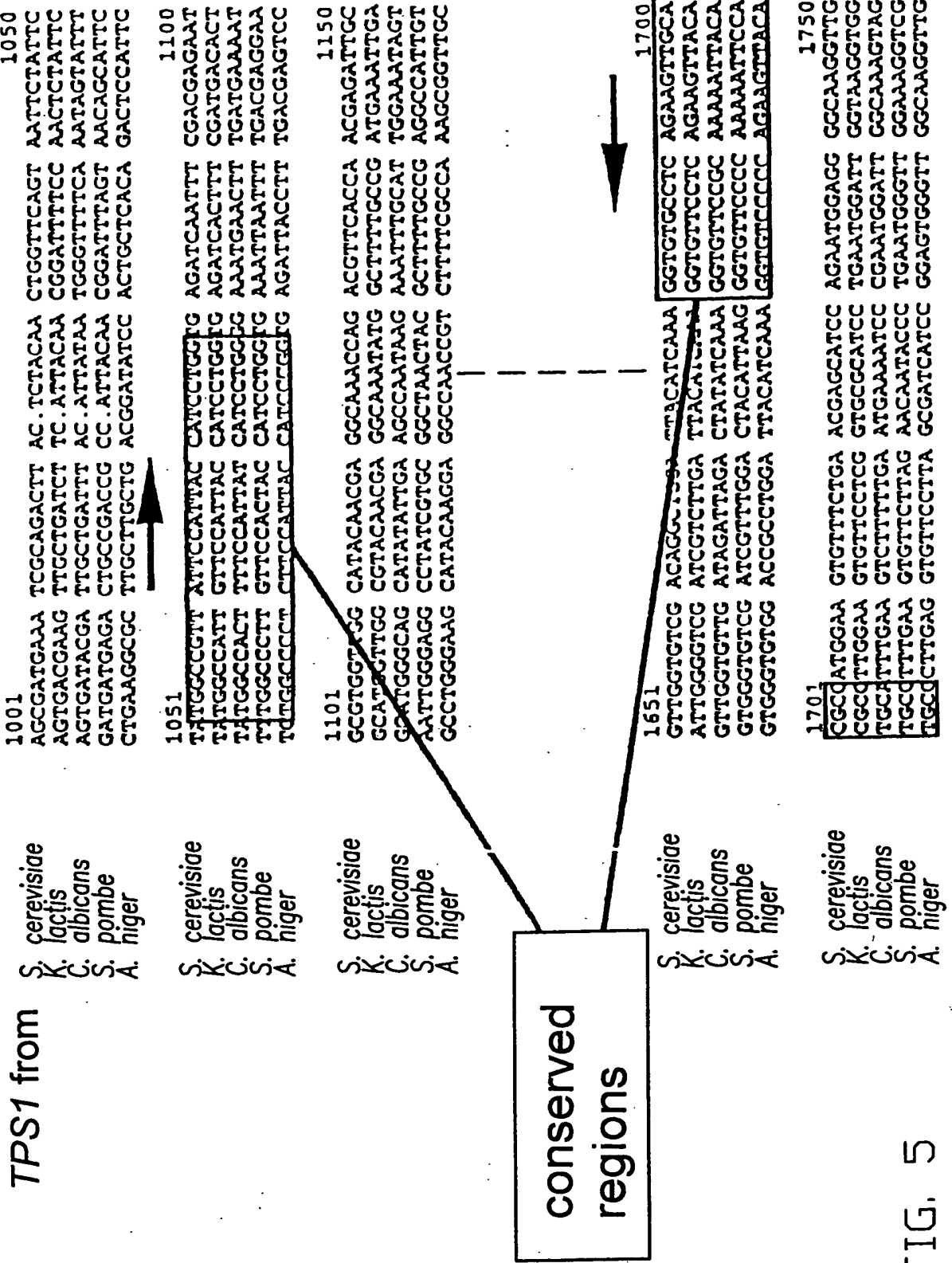


FIG. 4C



T06080" T323550



FIGUR 6

SEQ ID NO:8 (nucleic acid sequence)

SEQ ID NO:7 (amino acid sequence)

-792 CTTAAATACCACAATAGGAAAATTATCAATAAAGCTTTTCGGATTTTCATTACGTTATATC -733
 -732 GCAAAAAAATAGTCGAGCTTTCTGAACCGTTTCGTTAATAAAAAAATAGTTTTTTCAGATT -673
 -672 TCTATGTGAGGCAGTCACGATAGAATTCCATCGAACTCGTCAGCGCCAAATGTGAATGCG -613
 -612 GCTTTCAAAGCTTTGTGCAATTTGGGATGGGAATCCATGAATCGAAGATGTCAAAATGG -553
 -552 GGGATCACAAAAGTACACTCACGAGGAAAATCAAAACCTTCTCGTACCTTTAACACATAC -493
 -492 GGAAATGATCGATCGATTTGAGAAGATTCTCAATGATTTTCGTCATATATAGGTATCTG -433
 -432 AGGTATTTATGGACCGATTTCGTAATAACATCATATACATCGCGCTTTGTCCCTGTCCCGAG -373
 -372 AGATTTTCGATGAAAAAAGCGAATTTTATTCTAATATTTGAAGCATGCCAAACATGGGGCA -313
 -312 GTTGATTTGTGTGAGGGTAAAATATCATGAATTGCACCCATCAATGCAGCAAGATATTG -253
 -252 ACCAATCCTATAATAGAAAACAGACTTACCACAAATAGATTGTGATGACGATATTATGAA -193
 -192 TCTCCAGATGAAAGGCTCGAAAGCTATGAAGCCCTTTGAAACTTTTCATGGTGAGATAAT -133
 -132 ATTTTCGAAATTTCCACGAACCTCTAAAACGCAATTATTGAATATAAAGGAAAAATAATA -73
 -72 TTTCCATATAGCAAGCAAATCAAGCTGCACTCCTCATCCTTAAACTAATAAATCTTACC -13
 -12 CATTTGATACCAATGGTCAAAGGTAATGTTATAGTGGTTTCAAATAGAATCCCAGTCACT 48
 1 MetValLysGlyAsnValIleValValSerAsnArgIleProValThr 16
 49 ATTAAGAAGACTGAAGATGATGAAAATGGAAAATCAAGATACGACTATACAATGTCATCA 108
 17 IleLysLysThrGluAspAspGluAsnGlyLysSerArgTyrAspTyrThrMetSerSer 36
 109 GGCGGATTAGTGACGGCATTACAAGGGCTCAAAAATCCATTTTCGATGGTTTGGATGGCCT 168
 37 GlyGlyLeuValThrAlaLeuGlnGlyLeuLysAsnProPheArgTrpPheGlyTrpPro 56
 169 GGGATGTCGTGTGATAGCGAACAGGGACGACAACTGTTCGAGCGGGATTTGAAGGAAAAG 228
 57 GlyMetSerValAspSerGluGlnGlyArgGlnThrValGluArgAspLeuLysGluLys 76
 229 TTCAATTGTTATCCGATATGGTTAAGTGACGAAATTGCAGACTTACATTATAACGGCTTT 288
 77 PheAsnCysTyrProIleTrpLeuSerAspGluIleAlaAspLeuHisTyrAsnGlyPhe 96
 289 AGCAATTCTATACTTTGGCCATTGTTCCACTATACCCAGGGGAGATGAATTTTGATGAA 348
 97 SerAsnSerIleLeuTrpProLeuPheHisTyrHisProGlyGluMetAsnPheAspGlu 116
 349 ATTGCTTGGGCGCTTATTTGGAAGCAAATAAACTGTTTGGCCAAACGATCTTAAAGGAG 408
 117 IleAlaTrpAlaAlaTyrLeuGluAlaAsnLysLeuPheCysGlnThrIleLeuLysGlu 136
 409 ATAAAAGACGGGGACGTTATCTGGGTACATGATTATCATCTCATGTTGTTGCCTTCACTG 468
 137 IleLysAspGlyAspValIleTrpValHisAspTyrHisLeuMetLeuLeuProSerLeu 156
 469 CTAAGAGACCAACTTAATAGTAAGGGGCTACCGAATGTCAAATTGGCTTTTTCTTTCAT 528
 157 LeuArgAspGlnLeuAsnSerLysGlyLeuProAsnValLysIleGlyPhePheLeuHis 176
 529 ACTCCTTTTCTTCAAGCGAAATATACAGGATACTTCTGTAAAGGAAAGAAATTCTCGAA 588
 177 ThrProPheProSerSerGluIleTyrArgIleLeuProValArgLysGluIleLeuGlu 196
 589 GGAGTGCCTTAGTTGTGATTTGATAGGTTTCCACACCTATGATTATGTCCGTCACCTTCTT 648
 197 GlyValLeuSerCysAspLeuIleGlyPheHisThrTyrAspTyrValArgHisPheLeu 216
 649 AGTTCGGTTGAAAGAATATTGAAATTGCGAACGAGCCCACAAGGTGTGTCTATAATGAT 708
 217 SerSerValGluArgIleLeuLysLeuArgThrSerProGlnGlyValValTyrAsnAsp 236

1000
 900
 800
 700
 600
 500
 400
 300
 200
 100
 0

709	AGACAGGTGACTGTAAGTGCTTATCCGATTGGCATTGACGTTGACAAATTCCTTGAATGGT	768
237	ArgGlnValThrValSerAlaTyrProIleGlyIleAspValAspLysPheLeuAsnGly	256
769	CTTAAGACTGATGAGGTCAAAAGCAGGATAAAACAGCTGGAAACCAGATTTCGGTAAAGAT	828
257	LeuLysThrAspGluValLysSerArgIleLysGlnLeuGluThrArgPheGlyLysAsp	276
829	TGTAAACTTATTATTGGGGTGGACAGGCTGGATTACATCAAAGGTGTACCTCAAAACTC	888
277	CysLysLeuIleIleGlyValAspArgLeuAspTyrIleLysGlyValProGlnLysLeu	296
889	CACGCGTTTGAAATTTTCTTGGAGAGACACCCTGAGTGGATTGGAAAAGTTGTTTTGATA	948
297	HisAlaPheGluIlePheLeuGluArgHisProGluTrpIleGlyLysValValLeuIle	316
949	CAGGTGGCTGTCCCTCAGCAGGGGACGTTGAAGAATATCAATCTTTGAGGGCAGCTGTA	1008
317	GlnValAlaValProSerArgGlyAspValGluGluTyrGlnSerLeuArgAlaAlaVal	336
1009	AATGAGCTAGTGGGAAGAATCAATGGTAGATTTCGGTACCGTCGAATTTGTTCCTATCCAT	1068
337	AsnGluLeuValGlyArgIleAsnGlyArgPheGlyThrValGluPheValProIleHis	356
1069	TTCCTTCATAAAAGCGTGAACCTCCAAGAGCTGATATCTGTCTACGCTGCTAGTGATGTT	1128
357	PheLeuHisLysSerValAsnPheGlnGluLeuIleSerValTyrAlaAlaSerAspVal	376
1129	TGTGTAGTGTTCATCGACACGGGACGGAATGAATTTGGTCAGTTATGAATACATTGCTTGT	1188
377	CysValValSerSerThrArgAspGlyMetAsnLeuValSerTyrGluTyrIleAlaCys	396
1189	CAACAAGATCGAAAGGGATCTCTAGTACTAAGTGAATTTGCGGGAGCTGCTCAGTCATTA	1248
397	GlnGlnAspArgLysGlySerLeuValLeuSerGluPheAlaGlyAlaAlaGlnSerLeu	416
1249	AATGGCGCTCTCGTAGTGAATCCATGGAATACAGAAGAACTCAGTGAAGCTATTTACGAA	1308
417	AsnGlyAlaLeuValValAsnProTrpAsnThrGluGluLeuSerGluAlaIleTyrGlu	436
1309	GGCTTGATCATGAGTGAAGAGAAAAGGAGGGGCAATTTTCAGAAGATGTTCAAGTACATT	1368
437	GlyLeuIleMetSerGluGluLysArgArgGlyAsnPheGlnLysMetPheLysTyrIle	456
1369	GAGAAATATACTGCAAGTTATTGGGGAGAGAACTTTGTGAAAGAATTGACGAGAGTGTGA	1428
457	GluLysTyrThrAlaSerTyrTrpGlyGluAsnPheValLysGluLeuThrArgVal	476
1429	TTACTGTGGTTTTCAGGTTAATTTGAAATGTTCACTTGTACTTGAAGAATTTTATATTAT	1488
1489	ATACATGTTATACATCAATAGGATAAAAAATTAAGTAGACAAAGTTATCATTTTGTGGGC	1548
1549	TGTAAAAATTGAACGATAACAATATATTTGACAAAATTAATTTGATCTAATTGAGCTGGA	1608
1609	GGGCGTAATATATTTGGTTTCCTGAATCATCTTGTAGATCACAATATGGGGCAGCTTCTT	1668
1669	TCCGAGCCGATCACAGAGAAACACATCACACTTGTCCAACATGATCACATATCGCATTCA	1728
1729	ATCGGGGAAATGCAAGGATACAGGTTGACCATGGAAGACGCGTTCTGTGATTTGAACGAA	1788
1789	AGAATATTCGTGACGGAAGAGGGACTTGACATCAGAAAACAAGACGAGAATACAGAGGGT	1848
1849	GATCTGGAGTCTCTTCAAATTAACATTTATGGTGTCTTTGACGGACATGGCGGTT	1903

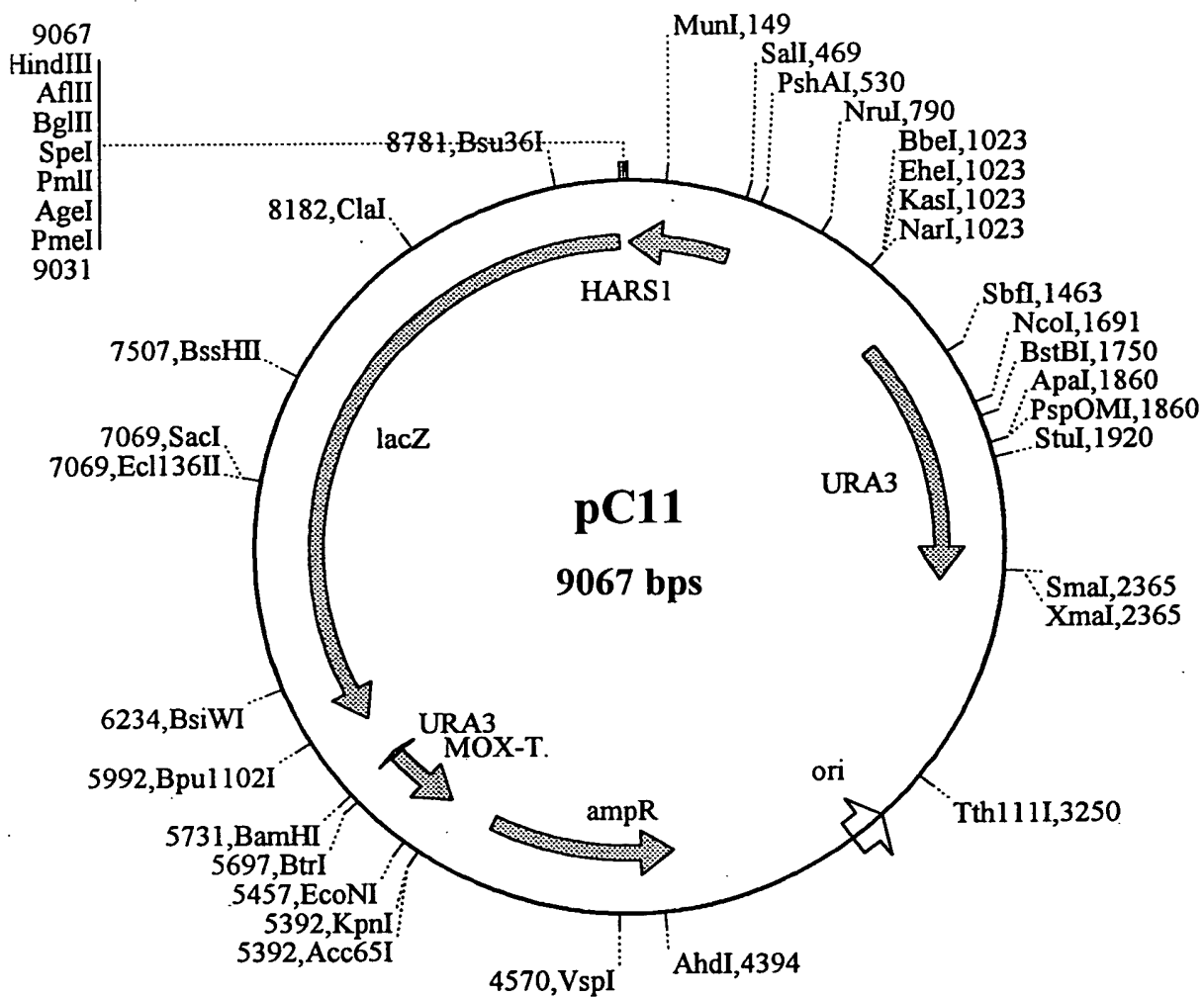


FIG. 7

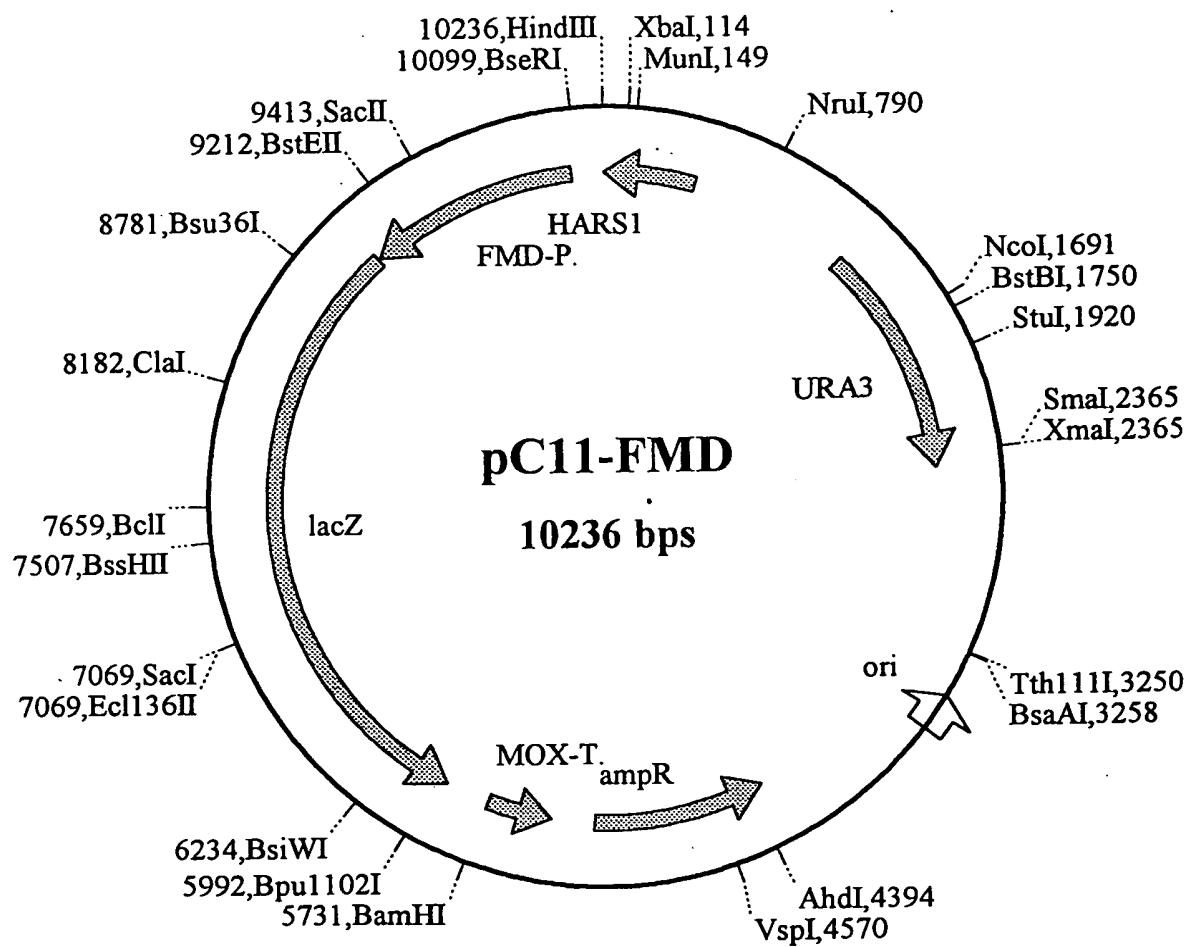


FIG. 8

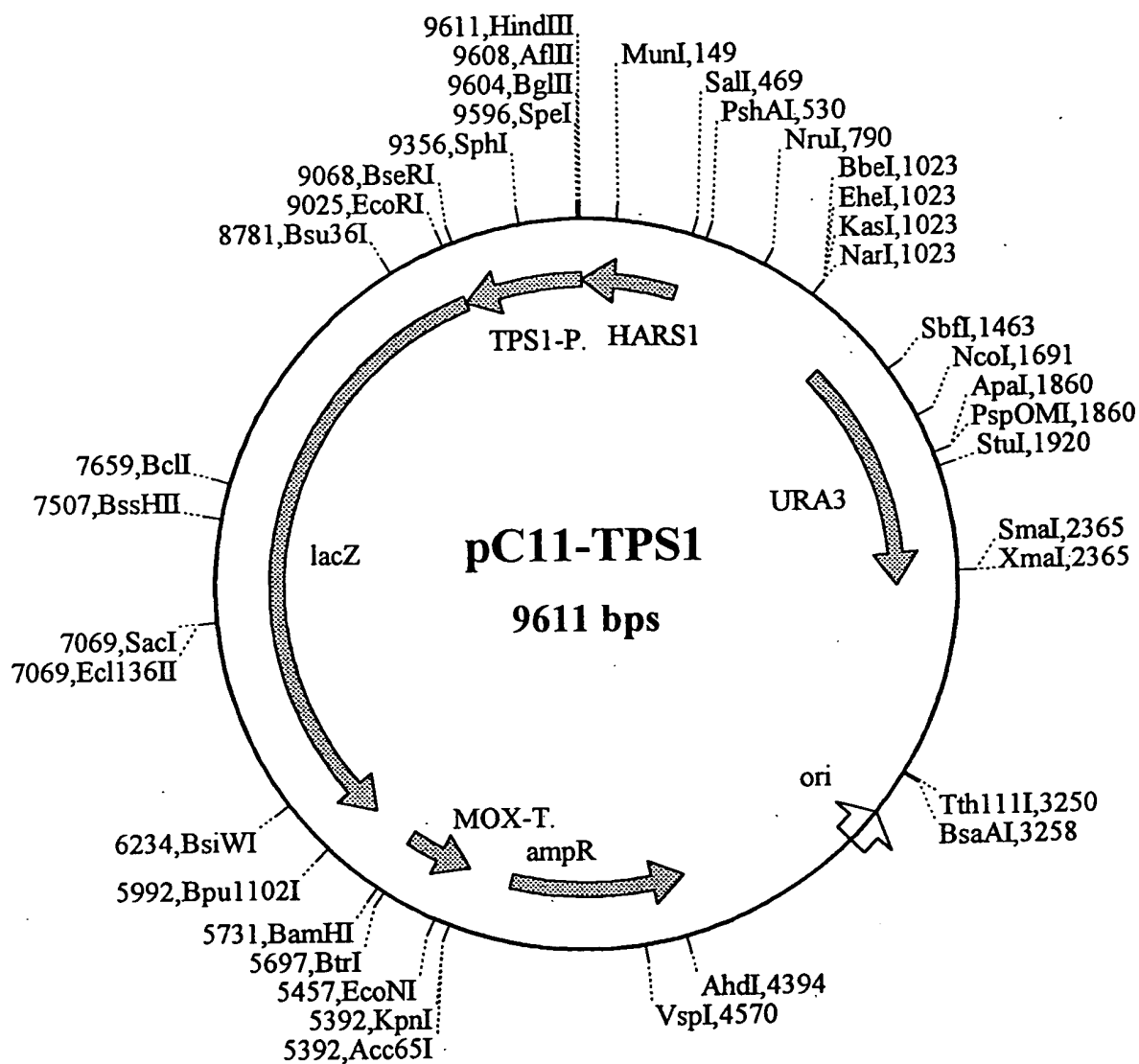


FIG. 9

FIG. 10A

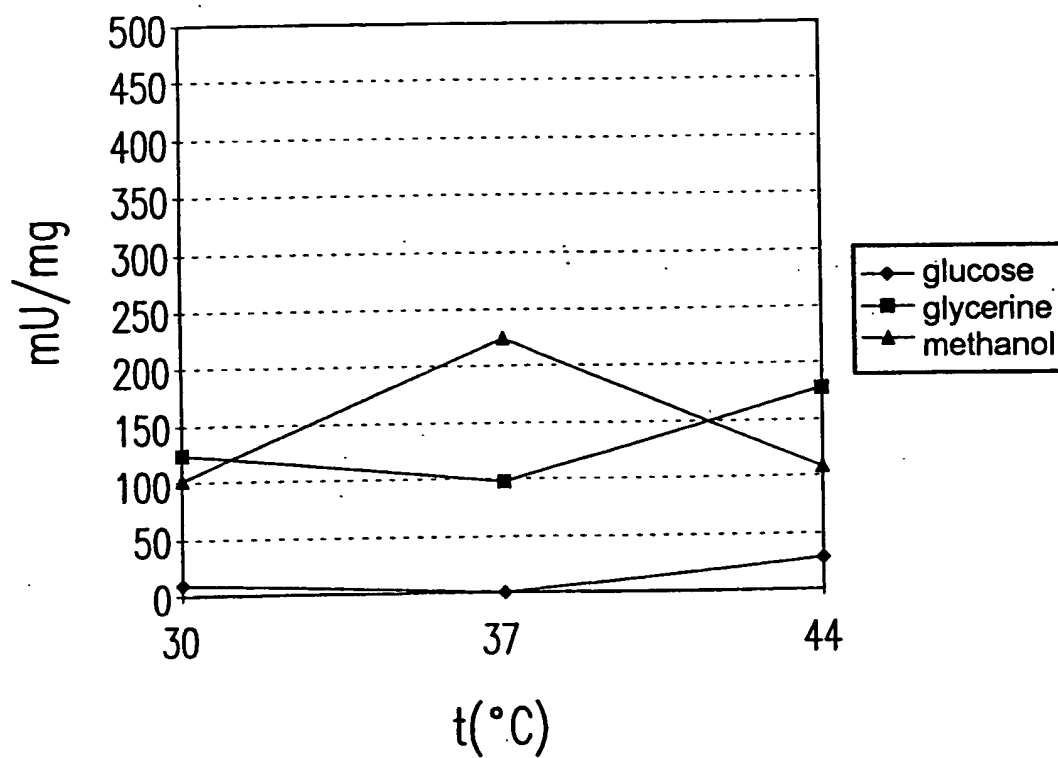
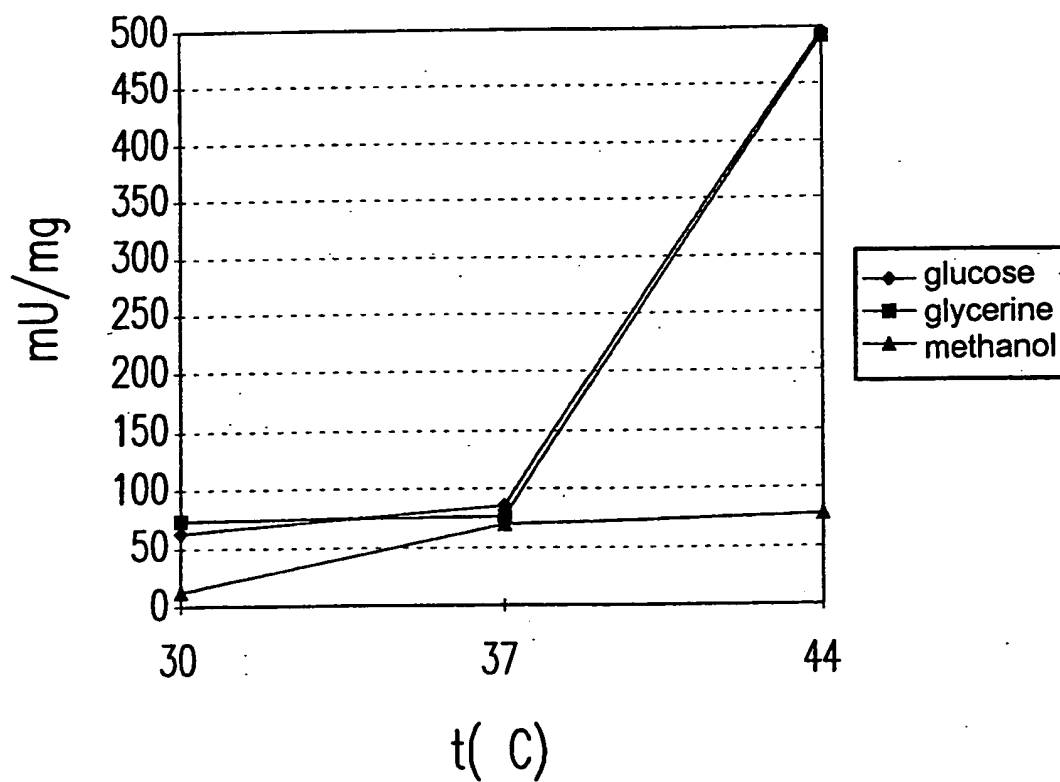


FIG. 10B



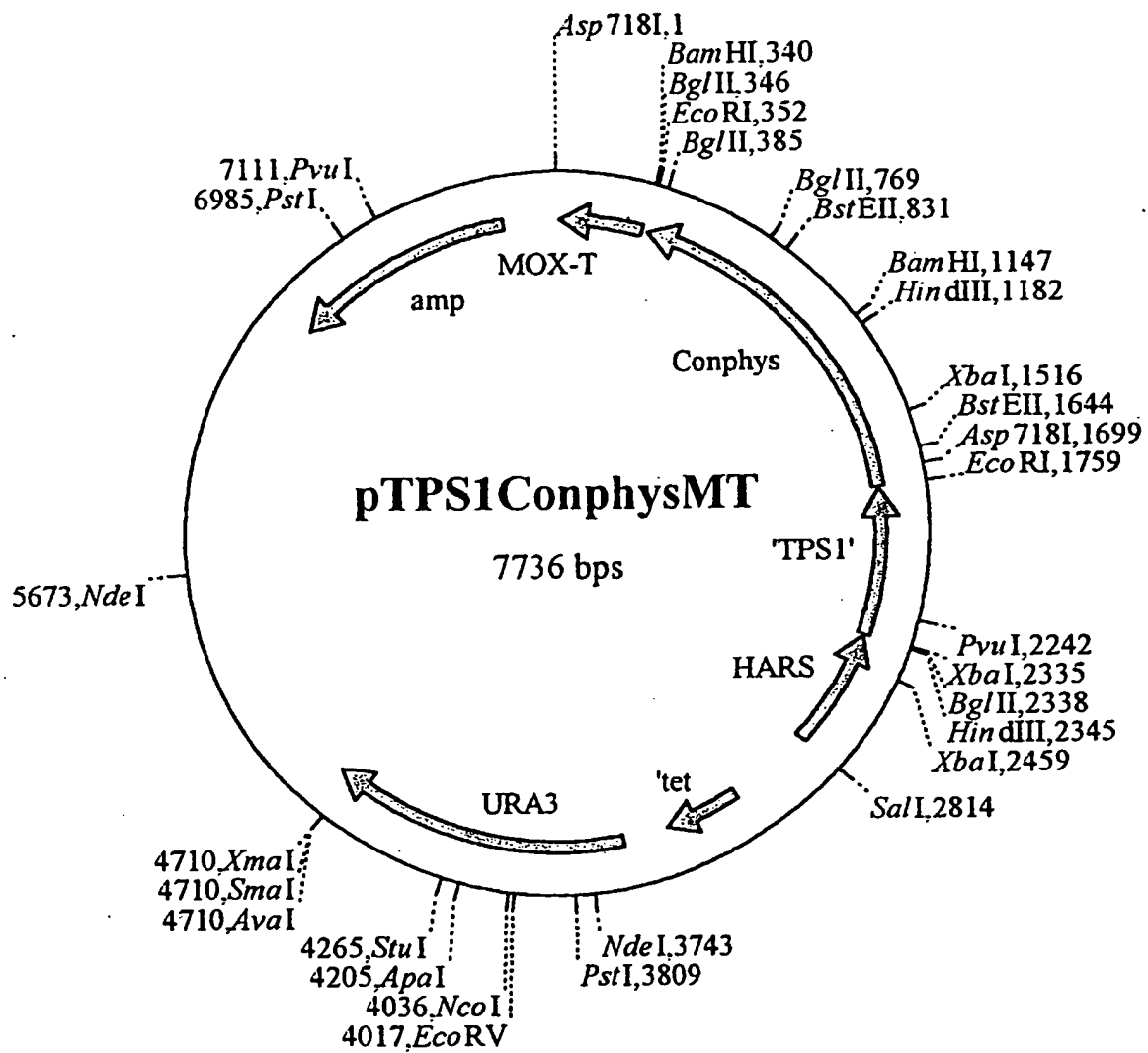


FIG. 11